

U.S. Patent Application Serial No. 09/530,723
Attorney Docket No. 60027.0390USWO/BS97055

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A system for routing a call made from a calling line resold to a carrier, the system comprising:

a switch coupled to the resold line, the switch being operative to determine at the switch whether the call is from the resold line and to route the call to a hub without any query to a service control point based on determining the call is from the resold line;

the hub having a trigger provisioned thereon to cause the hub to launch a query to the service control point upon receiving the call from the switch; and

the service control point operative to receive the query from the hub and to provide routing instructions to the hub based upon resold line routing information stored in the service control point, the routing information identifying a location specified by the carrier for handling the call, wherein the routing information comprises a single set of line class codes assigned to all resold lines, wherein the line class codes reference a trunk group to the hub.

2. (Previously presented) The system for routing a call, as recited in Claim 1, wherein the switch comprises a service switching point.

3. (Previously presented) The system for routing a call, as recited in Claim 1, wherein the switch includes a line class code database stored in the switch, the line class code database storing a line class code corresponding to a class of service of the resold line and information specifying that calls be routed to the hub.

4. (Previously presented) The system for routing a call, as recited in Claim 3, wherein the switch accesses the line class code database to route the call to the hub.

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5. (Previously presented) The system for routing a call, as recited in Claim 1, wherein the query comprises a directory number of the calling line and a called party number.

6. (Previously presented) The system for routing a call, as recited in Claim 1, wherein the trigger comprises an off-hook delayed trigger.

7. (Previously presented) The system for routing a call, as recited in Claim 1, wherein the resold line routing information stored in the at least one database further comprises:
an identifier for the directory number of the resold calling line; and
an identifier for the carrier.

8. (Previously presented) The system for routing a call, as recited in Claim 1, wherein the resold line routing information comprises routing information specifying the location for handling the call.

9. (Currently Amended) In an intelligent network, a system for routing a call made from a calling line resold to a carrier, the system comprising:

a first network element operative, without querying any service control points, to determine at the first network element whether the call is from the calling line resold to the carrier and to route the call to a second network element based on determining the call is from the calling line resold to the carrier, the second network element operative to launch a query;

the second network element operative to launch a query to a third network element upon receiving the call from the first network element; and

the third network element operative to receive the query from the second network element and to provide routing instructions to the second network element based upon resold line routing information stored in a storage device coupled to the third network element, the routing information comprising a single set of line class codes assigned to all resold lines, wherein the line class codes reference a trunk group to an AIN hub identifying a location specified by the carrier for handling the call;

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in response to receiving the routing instructions from the third network element, the second network element being further operative to route the call to the location for handling the call.

10. (Previously presented) The system for routing a call, as recited in Claim 9, wherein the first network element comprises a switch.

11. (Previously presented) The system for routing a call, as recited in Claim 9, wherein the first network element comprises a switching point.

12. (Previously presented) The system for routing a call, as recited in Claim 9, wherein the second network element comprises a service switching point.

13. (Previously presented) The system for routing a call, as recited in Claim 9, wherein the third network element comprises a service control point.

14. (Previously presented) The system for routing a call, as recited in Claim 9, wherein the second network element is provisioned with a trigger to cause the second network element to launch the query.

15. (Previously presented) The system for routing a call, as recited in Claim 9, wherein the resold line routing information stored in the storage device further comprises:

an identifier for the directory number of the calling line; and

an identifier for the service provider.

16. (Previously presented) The system for routing a call, as recited in Claim 15, wherein the resold line routing information includes a routing index specifying the location for handling the call.

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17. (Previously presented) The system for routing a call, as recited in Claim 9, wherein a line class code table is stored in the switch, the line class code table storing a line class code corresponding to a class of service of the line and information specifying that calls be routed to the service switching point.

18. (Currently Amended) A method for routing a call made from a calling line resold to a service provider, the method comprising:

routing the call to a switch wherein the switch is operative to determine at the switch without querying any service control points whether the call is made from the calling line resold to the service provider and whether to route the call to a service switching point, wherein routing the call comprises referencing a single set of line class codes assigned to all resold lines, wherein the line class codes reference a trunk group to an AIN hub;

routing the call from the switch to the service switching point in response to the switch determining, without querying any service control points, that the call is made from the calling line resold;

transmitting a query from the service switching point to a service control point to determine a location specified by the carrier for handling the call, the query including a directory number of the resold calling line and a called number;

accessing a database containing an identifier for the service provider and an identifier for the location for handling the call;

transmitting the identifier for the location to the service switching point; and

routing the call from the service switching point to the location for handling the call.

19. (Previously presented) The method for routing a call, as recited in Claim 18, wherein routing the call from the switch to the service switching point comprises:

accessing a table containing a line class code for the calling line and an identifier for the location of a trunk group coupled to the service switching point; and

routing the call to the trunk group based upon the identifier for the location of the trunk group.

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20. (Previously presented) The method for routing a call, as recited in Claim 18, further comprising encountering a trigger at the service switching point, thereby causing the service switching point to launch the query.

21. (Cancelled)